

MAPPING OF HOT-SWAP STATES TO PLUG-IN UNIT STATES

ABSTRACT OF THE DISCLOSURE

A Compact Peripheral Component Interconnect (CPCI) system is provided that can map PCI Industrial Computer Manufactures Group (PICMG) states describing the state of a hot-swap CPCI card into Telecommunication Management Network (TMN) plug-in unit states. Specifically, the hardware/Operating System (OS) states for the CPCI card are specified in PICMG states in accordance with the PICMG hot-swap specification. The present system identifies or defines the meaning (e.g., the definition, identification, function, and/or status) of the states on the CPCI card. The system then maps these states into intermediate states. The intermediate states are then mapped into TMN plug-in unit states (e.g., OperationalState and/or AvailableStatus). The TMN plug-in unit states corresponding to the CPCI card will then comprise the proper identification information for the CPCI card. Accordingly, a management ware having plug-in units based on the TMN standard can now use these mapped states to manage the state (or status) of the CPCI card.